

**XIAMEN TOB NEW ENERGY TECHNOLOGY CO., LTD.**

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Electric Lab Roll Press Machine 100mm Width

This lab roll press machine is an ideal rolling press for adjusting thickness and increasing active material density of the electrode in Li-Ion batteries research after coating and drying

- Item No.:TOB-DG-100L
- Order(Moq):1
- Payment:L/C,T/T,Western Union, Paypal
- Product Origin:China
- Shipping Port:XIAMEN
- Lead Time:7

Product Detail

Electric Precision 4" (100mm) Width Lab Roll Press Machine with Dual Micrometer

SPECIFICATIONS

TOB-DG-100LLab Roll Press Machineis a compact precision electricrolling press machine.It has dual rollers of 96 mm dia. x 100mm width and dual grade micrometer. Thislab roll press machineis an idealrolling pressfor adjusting thickness and increasing active material density of the electrode in Li-Ion batteries research after coating and drying.

Model	4" Width(100mm) Lab Roll Press Machine TOB-DG-100L
Working Voltage	110V / 220V AC single phase selectable

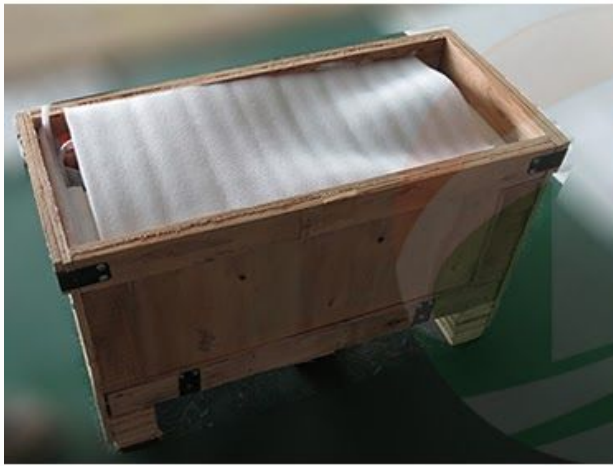
Power	120W Total
Warranty	One year limited manufacture warranty with lifetime support
Structure	<p>1 Heavy duty steel frame, gears and handle</p> <p>2 Φ96mm Dia. x 100mm width Rollers made from hardened tool steel (HRC > 62)</p> <p>with Cr electroplated coating</p> <p>3 Dual micrometer for accurate thickness adjustment in the range 0 - 2 mm Maximum</p> <p>4 Equipped with a transparent protective plate, the use of security</p>
Roller	<p>Dimensions: 96mm(Dia.) x 100mm(W)</p> <p>Material: Made from hardened tool steel (HRC > 62)</p> <p>with Cr electroplated coating. With finish > 0.8</p>
Rolling press accuracy	$\leq \pm 0.005$
Rolling press thickness	0-2mm adjusted with Dial gauge
Rolling press width	Max 100mm
Rolling press speed	0-40mm/s adjustable
Product Dimensions	650 mm(L) x 280mm(W) x 300mm(H)
Weight	55kg (180 lbs)

Application Notes	This roller is specially designed for battery R&D in terms of its advantages as affordable,			
	compact and precise.			
	1 Must use acetone to clean and dry rollers' surfaces after each use to avoid rusting			
	2 Coated Rust-proof oil if machine were to be unused for a long period of time			
	3 The minimum thickness of the rolled sheet should depend on the physical property of			
	the materials. Here are some results from our test:			
	Electrode	Size	Original thickness	Finished thickness
	LiFePO4	50mm Width x 260mm Length	0.205mm	0.09mm
	double sides			
	LiMn2O4	50mm Width x 260mm Length	0.205mm	0.09mm
	double sides			
	Copper foil + graphite	75mm Width x 240mm Length	0.09mm	0.04mm
	(single side)			
	Sample testing is available upon customer's request			

PRODUCT DISPLAY



PACKAGE



SERVICES

- 1 We supply machines with battery technology support.
- 2 We can also supply a full set of materials for lithium battery including polymer battery, cylinder battery, mobile phone battery, EV battery.
- 3 We can also supply a full set of lithium battery equipment for lab research, pilot scale research and production line.
- 4 We can also supply a full set of battery technology for battery design, research and producing.